

Figure 1 consists of seven sub-graphs labeled (a) through (g), each showing a different physiological parameter over a 10-minute period. The x-axis for all graphs is 'Time (min)' ranging from 0 to 10. The y-axis for each graph represents the parameter value.

- (a) HR (b/min): The heart rate starts at approximately 70 b/min and increases steadily to about 100 b/min by 10 minutes.
- (b) SV (L/min): Stroke volume starts at approximately 0.05 L/min and increases to about 0.15 L/min by 10 minutes.
- (c) CO (L/min): Cardiac output starts at approximately 0.5 L/min and increases to about 1.5 L/min by 10 minutes.
- (d) SVR (mmHg/L/min): Systemic vascular resistance starts at approximately 1.5 mmHg/L/min and decreases slightly to about 1.0 mmHg/L/min by 10 minutes.
- (e) MAP (mmHg): Mean arterial pressure starts at approximately 90 mmHg and remains relatively stable, ending at about 85 mmHg.
- (f) PVR (mmHg/L/min): Pulmonary vascular resistance starts at approximately 1.5 mmHg/L/min and decreases slightly to about 1.0 mmHg/L/min by 10 minutes.
- (g) P (mmHg): Pressure starts at approximately 100 mmHg and remains relatively stable, ending at about 95 mmHg.

The present invention provides a method, apparatus, and system for determining and displaying the service level of a digital television broadcast signal. A digital television receiver receives a digital television broadcast signal. The digital television broadcast signal includes a data test stream composed of a plurality of data packets. A service level determiner is used to determine a service level of the digital television broadcast signal based upon a loss of data packets from the data test stream (i.e. the error rate). The service level determiner additionally causes a representation of the service level to be displayed as a service level diagnostic indicator on a display device, such as a television. The service level diagnostic indicator can be updated at predetermined intervals to allow a user to place their antenna in a best service level position to receive the best service level as indicated by the service level diagnostic indicator.